

IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Claim 1 (Currently Amended): A communication system adapted to establish connections to, and between, Internet users, characterised in that said communication system includes comprising:

a cellular radio communication network adapted to provide including a short message service (SMS)[[.]]; and

A
a telephony/Internet server adapted to facilitate the establishment of a telephony/Internet connection between a mobile subscriber station of said cellular radio communication network and an a specific Internet user the mobile subscriber station is seeking to be connected to, and in that

wherein said SMS is adapted to transfer[[;]] [[-]] ~~from said mobile subscriber station to said server~~[[.]] inquiry information identifying the an Internet address for said specific Internet user from said mobile subscriber station to said telephony/Internet server[[;]] and [[-]] to transfer return information from said telephony/Internet server to said mobile subscriber station specifying at least if the telephony/Internet connection being sought by the mobile subscriber station is possible[[.]] ~~information relating to said connection between said mobile subscriber station and said Internet user.~~

Claim 2 (Currently Amended) A The communication system as claimed in claim 1, ~~characterised in that~~ wherein said SMS is used to transfer the following information to said telephony/Internet server[[;-]] the Internet address for said specific Internet user identifies an Internet-connected computer terminal of said specific Internet user[[;]] and [[-]] said SMS

further transfers a specific identity for said mobile subscriber station from the mobile subscriber station to said telephony/Internet server.

Claim 3 (Currently Amended) A The communication system as claimed in claim 2, ~~characterised in that~~ wherein said specific identity for said mobile subscriber station is a telephone number for said mobile subscriber station.

Claim 4 (Currently Amended) A The communication system as claimed in claim 2 ~~[[,]] , characterised in that~~ wherein said telephony/Internet server includes analysing means for effecting ~~[[,]] on receipt of said SMS transferred information~~ [[,]] an A-number analysis to determine the A ~~[[-]]~~ telephone number identity of said mobile subscriber station on receipt of said SMS-transferred inquiry information.

Claim 5 (Currently Amended) A The communication system as claimed in claim 2, ~~characterised in that~~ wherein ~~[[-]] said telephony/Internet server is adapted, in response to receipt of said SMS transferred return information from said mobile subscriber station, to send an SMS transferred to said mobile subscriber station by said SMS including the following information~~ [[:-]] that call connection to said Internet user is possible; and ~~[[-]] also includes the telephony/Internet server's telephone number.~~

Claim 6 (Currently Amended) A The communication system as claimed in claim 5, ~~characterised in that~~ wherein said telephony/Internet server is adapted, on receipt of a telephone call from said mobile subscriber station, the telephone call being made using the telephony/Internet server's telephone number provided to the mobile subscriber station as part of the return information, to:

[[-]] identify said mobile subscriber station making the telephone call (~~calling party~~);

[[-]] associate the telephone call with the Internet address previously transferred to said telephony/Internet server ~~by~~ from said mobile subscriber station; and

[[-]] connect the telephone call to the Internet address.

Claim 7 (Currently Amended) A The communication system as claimed in claim 6, ~~characterised in that~~ wherein said telephony/Internet server is adapted to identify said mobile subscriber station making the telephone call (~~calling party~~) using said A[[-]] telephone number analyzing means.

Claim 8 (Currently Amended) A The communication system as claimed in claim 7, ~~characterised in that~~ wherein said Internet address is maintained associated with the A[[-]] telephone number of said mobile subscriber station for a specific period of time which is monitored by a system timer.

Claim 9 (Currently Amended) A The communication system as claimed in claim 6, ~~characterised in that~~ wherein said telephony/Internet server is adapted to connect the telephone call directly to the Internet address.

Claim 10 (Currently Amended) A The communication system as claimed in claim 6, ~~characterised in that~~ wherein said telephony/Internet server is adapted to connect the telephone call to the Internet address via at least one additional Internet server adapted to provide Internet telephony services that stands alone or as the last one of a chain of

~~servers~~[[,]] ~~a server at the end of this chain being adapted to provide Internet telephony services.~~


Claim 11 (Currently Amended) A The communication system as claimed in claim 1, ~~characterised in that~~ wherein said telephony/Internet server includes means for establishing and storing a an Internet address list of Internet addresses for each mobile subscriber station user subscribing to the system[[,]] and ~~in that~~ each one of said Internet addresses has an Internet address list number.

Claim 12 (Currently Amended) A The communication system as claimed in claim 11, ~~characterised in that~~ wherein said telephony/Internet server is adapted, in response to receipt of said SMS transferred return information from said mobile subscriber station, to ~~send an SMS~~ transferred to said mobile subscriber station by said SMS including the following information[[:-]] ~~that call connection to said Internet user is possible~~[[; -]] also includes the telephony/Internet server's telephone number[[;]] and [[-]] an the Internet address list number ~~for the Internet address, each address list number~~ corresponding to one of the Internet addresses in the ~~mobile subscriber station user's~~ Internet address list in the telephony/Internet server.

Claim 13 (Currently Amended) A The communication system as claimed in claim 12, ~~characterised in that~~ wherein said Internet address list numbers received by SMS from the telephony/Internet server are stored in a respective mobile subscriber station's telephone number list.

Claim 14 (Currently Amended) A The communication system as claimed in claim 11, ~~characterised in that~~ wherein a mobile subscriber station is adapted to request from said telephony/Internet server, and said telephony/Internet server is adapted to supply to the mobile subscriber station, a complete listing of the Internet address list.

Claim 15 (Currently Amended) A The communication system as claimed in claim 11, ~~characterised in that a~~ wherein each mobile subscriber station is adapted to search for a specific one of the Internet addresses stored by said telephony/Internet server.

 Claim 16 (Currently Amended) A The communication system as claimed in claim 11, ~~characterised in that~~ wherein said telephony/Internet server is adapted, on receipt of a call an SMS-transferred connection request inquiry from a mobile subscriber station to indicating an unlisted Internet address, to:

[[-]] store, and assign an address list number to [[,]] the received unlisted Internet address; and

[[-]] ~~send~~ transfer back [[,]] to the mobile subscriber station, via SMS, the following return information to enable a user of said mobile subscriber station to call said unlisted Internet address:

[[-]] ~~the~~ a newly assigned address list number;

[[-]] the telephony/Internet server's telephone number; and

[[-]] information that a call connection is now possible to the previously unlisted Internet address.

Claim 17 (Currently Amended) A The communication system as claimed in claim 1, ~~characterised in that~~ wherein said cellular radio communication network is a GSM network.

Claim 18 (Currently Amended) A method for enabling a mobile subscriber station of a cellular radio communication network to make an Internet telephone call to ~~an~~ a specific Internet user, characterised by the use comprising the steps of SMS to transfer:

~~[[:-]] from said mobile subscriber station to a telephony/Internet server transferring inquiry information identifying the Internet address for said specific Internet user received from said mobile subscriber station to a telephony/Internet server using a short message service (SMS) of the cellular radio communication network; and~~

~~[[:-]] transferring return information from said telephony/Internet server to said mobile subscriber station specifying at least if the telephony/Internet connection indicated by the Internet address for said specific Internet user is possible using the SMS[[,]]-information relating to said connection between said mobile station and said Internet user.~~

Claim 19 (Currently Amended) A The method as claimed in claim 18, ~~characterised by said SMS being used to transfer wherein the following inquiry information transferred by SMS to said telephony/Internet server~~ [[:-]] the Internet address for an Internet-connected computer terminal of said Internet user; and ~~[[:-]] further includes a specific identity for said mobile subscriber station and the Internet address is the Internet address for an Internet-connected computer terminal of said specific Internet user.~~

Claim 20 (Currently Amended) A The method as claimed in claim 19, ~~characterised in that wherein~~ said specific identity of said mobile subscriber station is a telephone number for said mobile subscriber station.

Claim 21 (Currently Amended) A The method as claimed in claim 19, ~~characterised~~
~~by further comprising the step of~~ said telephony/Internet server[[,]] ~~on receipt of receiving~~
said SMS-transferred inquiry information[[,]] and using A[[-]] telephone number analysis to
determine the A[[-]] telephone number identity of said mobile subscriber station.

Claim 22 (Currently Amended) A The method as claimed in claim 19, ~~characterised~~
~~by wherein the return information transferred to said mobile subscriber station by said SMS~~
~~includes~~[[,]] ~~said telephony/Internet server~~[[,]] ~~in response to receipt of said SMS-transferred~~
~~information from said mobile subscriber station~~[[,]] ~~sending an SMS to said mobile~~
~~subscriber station including the following information~~[[:-]] ~~that call connection to said~~
~~Internet user is possible; and~~ [[-]] the telephony/Internet server's telephone number.

Claim 23 (Currently Amended) A The method as claimed in claim 22, ~~characterised~~
~~by further comprising the steps of:~~

[[-]] said mobile subscriber station ~~calling~~ placing a telephone call to the
telephony/Internet server's telephone number received as part of the SMS-transferred return
information[[,]]; and

[[-]] said telephony/Internet server[[,]] ~~on receipt of~~ then receiving the telephone call
from said mobile subscriber station and performing the sub-steps of:

[[-]] identifying said mobile subscriber station making the telephone call
(~~calling party~~);

[[-]] associating the telephone call with the Internet address previously
transferred to said server ~~by~~ from said mobile subscriber station; and

[[-]] connecting the telephone call to the Internet address.

Claim 24 (Currently Amended) A The method as claimed in claim 23, ~~characterised by~~
further comprising the step of said telephony/Internet server identifying said mobile
subscriber station making the telephone call (~~ealling party~~) using said A[[-]] telephone
number analysis.

Claim 25 (Currently Amended) A The method as claimed in claim 24, ~~characterised~~
~~by~~ further comprising the step of the telephony/Internet server associating said Internet
address with the A[[-]] telephone number of said mobile subscriber station for a specific
monitored period of time[[,]] ~~and by monitoring said period of time.~~

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Claim 26 (Currently Amended) A The method as claimed in claim 23, ~~characterised~~
~~by~~ further comprising the step of said telephony/Internet server connecting the telephone call
directly to the Internet address.

Claim 27 (Currently Amended) A The method as claimed in claim 23, ~~characterised~~
~~by~~ further comprising the step of said telephony/Internet server connecting the telephone call
to the Internet address via at least one additional Internet server adapted to provide Internet
telephony services that stands alone or as the last one of a chain of servers[[,]] ~~a server at~~
~~the end of this chain being adapted to provide Internet telephony services.~~

Claim 28 (Currently Amended) A The method as claimed in claim 18, ~~characterised~~
~~by~~ further comprising the step of said telephony/Internet server establishing and storing a list
of Internet addresses for each mobile subscriber station user wishing to make Internet
telephone calls as an Internet address list[[,]] ~~and by providing~~ each one of said Internet
addresses ~~having an~~ with a corresponding address list number.

Claim 29 (Currently Amended) A The method as claimed in claim 28, ~~characterised~~ by further comprising the step of said telephony/Internet server[[],] in response responding to receipt of said SMS-transferred information from said mobile subscriber station[[],] with further SMS transferred return information sending an SMS to said mobile subscriber station including ~~the following information[[:]]~~ that call connection to said Internet user is possible[[: -]] the server's telephone number[[:]] and [[:]] an address list number for the Internet address[[],] ~~each address list number~~ corresponding to one of the Internet addresses in the ~~mobile subscriber station user's~~ address list of Internet addresses for each mobile subscriber station user wishing to make Internet telephone calls in the telephony/Internet server.

Claim 30 (Currently Amended) A The method as claimed in claim 29, ~~characterised~~ by further comprising the step of said mobile subscriber station receiving storing said address list numbers by SMS from the telephony/Internet server and storing said received address list numbers in a respective mobile subscriber station's telephone number list.

Claim 31 (Currently Amended) A The method as claimed in claim 28, ~~characterised~~ by a further comprising the step of said mobile subscriber station requesting a complete listing of the Internet address list from said telephony/Internet server.

Claim 32 (Currently Amended) A The method as claimed in claim 28, ~~characterised~~ by a further comprising the step of said mobile subscriber station searching for a specific one of the Internet addresses stored by said telephony/Internet server.

Claim 33 (Currently Amended) A The method as claimed in claim 28, ~~characterised~~
~~by further comprising the step of~~ said telephony/Internet server[[,]] ~~on receipt of a call~~
receiving an SMS-transferred connection request from a mobile subscriber station ~~to~~
indicating an unlisted Internet address, said telephony/Internet server then:

- storing, and assigning an address list number to[[,]] the unlisted Internet address;
and

[[-]] sending back[[,]] to the mobile subscriber station, via SMS, ~~the following~~
information to enable a user of said mobile subscriber station to call said unlisted
Internet address as follows:

[[-]] ~~the~~ a newly assigned address list number;

[[-]] the telephony/Internet server's telephone number; and

[[-]] ~~information~~ an indication that a call connection is now possible to the
previously unlisted Internet address.

Claim 34 (Currently Amended) A The method as claimed in claim 18, ~~characterised~~
~~in that~~ wherein said cellular radio communication network is a GSM network.

Claim 35 (Currently Amended) A method for enabling a mobile subscriber station of
a cellular radio communication network to make an Internet telephone call to an Internet user,
~~characterised by~~ comprising the steps of:

[[-]] a user of said mobile subscriber station sending the following ~~information~~ to a
telephony/Internet server using a short message service (SMS) of the cellular radio
communication network:

[[-]] information identifying the Internet address for said Internet user; and

[[~~-~~]] ~~the specific identity of information specifically identifying~~ said mobile subscriber station ~~(for example, the telephone number for the mobile subscriber station)~~;

[[~~-~~]] said telephony/Internet server[[,]] ~~in response~~ responding to receipt of said information[[,]] by sending an a return SMS to said mobile subscriber station, said return SMS including ~~the following information~~:

[[~~-~~]] information indicating that connection to said Internet address is possible;
and

[[~~-~~]] the telephony/Internet server's telephone number;

[[~~-~~]] a user of said mobile subscriber station[[,]] ~~on receipt of~~ receiving the return SMS from the server[[,]] with the telephony/Internet server's telephone number and then placing a telephone call to calling the telephony/Internet server's telephone number; and

[[~~-~~]] the server[[,]] ~~on receipt of~~ receiving the telephone call from the mobile subscriber station[[,]] then performing the steps of:

[[~~-~~]] identifying the mobile subscriber station as placing the telephone call calling party (mobile subscriber station) using, ~~for example, A number analysis~~; and

5 [[~~-~~]] associating the telephone call with the Internet address previously received in the SMS from the mobile subscriber station; and

[[~~-~~]] connecting the telephone call to the Internet address.

Claim 36 (Currently Amended) A method for enabling a mobile subscriber station of a cellular radio communication network to make an Internet telephone call to an Internet user, ~~characterised by comprising the steps of~~:

[[~~-~~]] establishing and storing a list of Internet addresses for each mobile subscriber station user wishing to make Internet telephone calls;

[[-]] assigning, for each address in the Internet address list, a number which uniquely identifies these addresses;

[[-]] a user of said mobile subscriber station sending ~~the following~~ inquiry information to a telephony/Internet server using a short message service (SMS) of the cellular radio communication network, the inquiry information including[[: -]] information identifying the Internet address for said Internet user [[,]] and ~~the~~ a specific identity of said mobile subscriber station (for example, the telephone number for the mobile subscriber station);

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said telephony/Internet server[[,]] ~~in response to receipt of~~ receiving said inquiry information[[,]] and sending ~~an SMS~~ return information to said mobile subscriber station[[,]] using said SMS, the return information including ~~the following information~~[[: -]] an indication that connection to said Internet address is possible,[[; -]] the telephony/Internet server's telephone number,[[;]] and [[-]] an address list number ~~for the Internet address~~, each address list number corresponding to one of the Internet addresses in the mobile subscriber station user's address list in the telephony/Internet server;


[[-]] a user of said mobile subscriber station[[,]] receiving ~~on receipt of~~ the return information via SMS from the telephony/Internet server[[,]] ~~calling then placing a telephone call to the~~ telephony/Internet server's telephone number included with the return information;

[[-]] the telephony/Internet server[[,]] ~~on receipt of~~ receiving the telephone call from the mobile subscriber station[[,]] then transmitting a voice message to said mobile subscriber station requesting the user to key in an address list number; ~~and~~

[[-]] ~~when~~ said mobile subscriber station user then keying keys in said address list number[[,]]; and

said telephony/Internet server then connecting the user of said mobile subscriber station to an Internet user at the Internet address corresponding to the keyed in address list number.

Claim 37 (Currently Amended) A ~~The~~ method as claimed in claim 36, ~~characterised~~ by said telephony/Internet server[[,]] responding to an ~~in the~~ absence of a response from the Internet user at the Internet address corresponding to the keyed in address list number[[,]] by notifying the user of said mobile subscriber terminal by means of either a voice message, or tones[[,]] ~~as in conventional telephony~~.

 Claim 38 (Currently Amended) A ~~The~~ method as claimed in claim 37, ~~characterised~~ by said ~~notification~~ voice message being that the Internet user is engaged, or is not replying, or does not have an Internet telephony application.
